

## FEDERAL AVIATION AGENCY

FORM APPROVED, BUDGET BUREAU NO. 04-R01S

## SUPPLEMENTAL TYPE CERTIFICATE

INSTRUCTIONS - SUBMIT IN TRIPLICATE TO LOCAL  
FAA FLIGHT STANDARDS INSPECTOR.COPY WILL BE RETURNED TO APPLICANT UPON  
ISSUANCE

## 1. NAME AND ADDRESS OF APPLICANT

Lyon Flying Service, Inc.  
P. O. Box 726  
Welsh, Louisiana

## 2. SUPPLEMENTAL TYPE CERTIFICATE APPLIED FOR:

☒ AIRCRAFT ☐ ENGINE ☐ PROPELLER

ORIGINAL MODEL DESIGNATION

Grumman G-164

NEW MODEL DESIGNATION (If desired)

None

## 3. DESCRIPTION OF CHANGE

Installation of Jacobs R-755-L4MB or R-755-B2M engine per Grumman drawings A1765 Change A dated 7/19/63, A1705 dated 3/16/62 with E.C.O. S164-1099 and S164-1181, and A1610 dated 3/21/62 with E.C.O. S164-1241, S164-1091, and S164-1012.

NOTES:

1. Jacobs R-755-L4MB engines must be modified for dual magneto ignition.
2. Propeller installation per STC SA170SW required.
3. Lyon Flying Service E.C.O. dated 9/30/63 applicable to Jacobs R-755-L4MB installation only.
4. Engine limits
  - a. R-755-L4MB Static RPM 2050 at 14.8° pitch.
  - b. R-755-B2 Static RPM 2050 at 15.2° pitch.
5. For both Jacobs engines listed above, maximum and minimum propeller diameters are 96 and 94 inches respectively. (See Reverse side)

4a. WILL DATA BE AVAILABLE FOR SALE OR RELEASE TO OTHER PERSONS?

☒ YES ☐ NO

b. WILL PARTS BE MANUFACTURED FOR SALE (Ref. CAR 1.55)?

☐ YES ☒ NO

## 5. SIGNATURE AND TITLE OF APPLICANT

Lyon Flying Service, Inc.

September 20, 1963

DATE OF APPLICATION

Emery F. Lyon  
President

SIGNATURE

TITLE

## 6. To be Completed by FAA

## NATURE AND LOCATION OF DATA

Data listed in item 3 above, Grumman letter dated 10/9/63, FAA letter of 8/15/63 from EA-214, and TIR A413SWS on file at SW-210.

Applicable regulations same as original certification.

ORIGINAL TYPE CERTIFICATE NO.

1A16

SUPPLEMENTAL TYPE CERTIFICATE NO.

SA287SW

DATE OF APPROVAL

11/12/63

FAA APPROVAL



SIGNATURE

H. H. Slaughter  
Chief, Engineering and Manufacturing Branch

TITLE